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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	23	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS	27	Feb 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	28	Feb 15	RUSSIAPAT enhanced with pre-1994 records
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
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FILE 'AGRICOLA' ENTERED AT 15:39:37 ON 19 FEB 2007

FILE 'BIOSIS' ENTERED AT 15:39:37 ON 19 FEB 2007
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=> s (meriste? or cotyledo?) and root and transgen?
L1 2069 (MERISTE? OR COTYLEDO?) AND ROOT AND TRANSGEN?

=> s extract and k1
L2 1108 EXTRACT AND K1

=> s extract and l1
L3 42 EXTRACT AND L1

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 19 DUP REM L3 (23 DUPLICATES REMOVED)

=> d 1-19

L4 ANSWER 1 OF 19 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2006:39754 BIOSIS
DN PREV200600035504
TI Effect of auxins on indirect in vitro morphogenesis and expression of gusA
transgene in a lectinaceous medicinal plant, Euphorbia nivulia
Buch.-Ham.
AU Sunandakumari, C.; Zhang, C.-L.; Martin, K. P. [Reprint Author]; Slater,
A.; Madhusoodanan, P. V.
CS Univ Calicut, Dept Bot, Calicut 673635, Kerala, India
marttin@sify.com
SO In Vitro Cellular & Developmental Biology Plant, (SEP-OCT 2005) Vol. 41,
No. 5, pp. 695-699.
CODEN: IVCPEO. ISSN: 1054-5476.
DT Article
LA English
ED Entered STN: 28 Dec 2005
Last Updated on STN: 28 Dec 2005

L4 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 1
AN 2005:1268984 CAPLUS
DN 145:372954
TI Disease resistance conferred by the expression of a gene encoding a

synthetic peptide in transgenic cotton (*Gossypium hirsutum* L.)
plants

AU Rajasekaran, Kanniah; Cary, Jeffrey W.; Jaynes, Jesse M.; Cleveland,
Thomas E.
CS ARS, Southern Regional Research Center, Food and Feed Safety Research
Unit, USDA, New Orleans, LA, 70124, USA
SO Plant Biotechnology Journal (2005), 3(6), 545-554
CODEN: PBJLAE; ISSN: 1467-7644
PB Blackwell Publishing Ltd.
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 2
AN 2006:217470 CAPLUS
DN 145:307749
TI Chitinase gene transformation through *Agrobacterium* and its explanation in
soybean in order to induce resistance to root rot caused by
Rhizoctonia solani
AU Salehi, A.; Mohammadi, M.; Okhovvat, S. M.; Omid, M.
CS College of Agriculture, University of Tehran Province, Karaj, Iran
SO Communications in Agricultural and Applied Biological Sciences (2005),
70(3), 399-406
CODEN: CAABBS; ISSN: 1379-1176
PB Universiteit Gent, Faculteit Landbouwkundige en Toegepaste Biologische
Wetenschappen
DT Journal
LA English
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 19 CABA COPYRIGHT 2007 CABI on STN
AN 2005:96196 CABA
DN 20053065897
TI The promoter of the *Arabidopsis* nuclear gene COX5b-1, encoding subunit 5b
of the mitochondrial cytochrome c oxidase, directs tissue-specific
expression by a combination of positive and negative regulatory elements
AU Welchen, E.; Chan, R. L.; Gonzalez, D. H.
CS Catedra de Biologia Celular y Molecular, Facultad de Bioquimica y Ciencias
Biologicas, Universidad Nacional del Litoral, CC 242 Paraje El Pozo, 3000
Santa Fe, Argentina. dhgonza@fbc.unl.edu.ar
SO Journal of Experimental Botany, (2004) Vol. 55, No. 405, pp. 1997-2004.
Publisher: Oxford University Press. Oxford
ISSN: 0022-0957
URL: <http://jxb.oupjournals.org/cgi/content/abstract/55/405/1997>
DOI: 10.1093/jxb/erh223
CY United Kingdom
DT Journal
LA English
ED Entered STN: 7 Jul 2005
Last Updated on STN: 7 Jul 2005

L4 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 3
AN 2002:879443 CAPLUS
DN 138:332710
TI Transcriptional and biochemical regulation of a novel *Arabidopsis thaliana*
bifunctional aspartate kinase-homoserine dehydrogenase gene isolated by
functional complementation of a yeast *hom6* mutant
AU Rognes, Sven Erik; Dewaele, Eric; Aas, Sten Freddy; Jacobs, Michel;
Frankard, Valerie
CS Department of Biology, Division of Molecular Biology, University of Oslo,
Oslo, 0316, Norway
SO Plant Molecular Biology (2003), 51(2), 281-294

CODEN: PMBIDB; ISSN: 0167-4412
 PB Kluwer Academic Publishers
 DT Journal
 LA English
 RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 19 AGRICOLA Compiled and distributed by the National
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 of America. It contains copyrighted materials. All rights reserved.
 (2007) on STN
 AN 2003:24676 AGRICOLA
 DN IND23318477
 TI Tissue localization of a submergence-induced 1-aminocyclopropane-1-
 carboxylic acid synthase in rice.
 AU Zhou, Z.; Engler, J. de A.; Rouan, D.; Michiels, F.; Montagu, M. van.;
 Straeten, D. van der.
 AV DNAL (450 P692)
 SO Plant physiology, May 2002. Vol. 129, No. 1. p. 72-84
 CODEN: PLPHAY; ISSN: 0032-0889
 NTE Includes references
 CY Maryland; United States
 DT Article; Conference
 FS Other US
 LA English

L4 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 4
 AN 2002:791007 CAPLUS
 DN 138:218194
 TI Immunolocalization of vestitone reductase and isoflavone reductase, two
 enzymes involved in the biosynthesis of the phytoalexin medicarpin
 AU Lopez-Meyer, Melina; Paiva, Nancy L.
 CS Plant Biology Division, The Samuel Roberts Noble Foundation, Ardmore, OK,
 73401, USA
 SO Physiological and Molecular Plant Pathology (2002), 61(1), 15-30
 CODEN: PMPPEZ; ISSN: 0885-5765
 PB Elsevier Science Ltd.
 DT Journal
 LA English

RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2001:730953 CAPLUS
 DN 135:285007
 TI Cloning, sequencing and uses of plant anthocyanidin rutinoside aromatic
 acyl transferases
 IN Brugliera, Filippa; Koes, Ronald
 PA International Flower Developments Pty. Ltd., Australia
 SO PCT Int. Appl., 144 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072984	A1	20011004	WO 2001-AU358	20010330
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1272621 A1 20030108 EP 2001-916746 20010330
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2003528603 T 20030930 JP 2001-570702 20010330
 US 2003172400 A1 20030911 US 2002-259549 20020927
 US 7173164 B2 20070206
 PRAI AU 2000-6598 A 20000331
 WO 2001-AU358 W 20010330
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L4 ANSWER 9 OF 19 AGRICOLA Compiled and distributed by the National
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AN 2002:32779 AGRICOLA

DN IND23267427

TI Expression and stability of Arabidopsis CDC6 are associated with
 endoreplication.

AU Castellano, M.M.; Pozo, J.C. del.; Ramirez-Parra, E.; Brown, S.;
 Gutierrez, C.

AV DNAL (QK725.P532)

SO The Plant cell, Dec 2001. Vol. 13, No. 12. p. 2671-2686

Publisher: [Rockville, MD : American Society of Plant Physiologists,
 c1989-

CODEN: PLCEEW; ISSN: 1040-4651

NTE Includes references

CY Maryland; United States

DT Article

FS U.S. Imprints not USDA, Experiment or Extension

LA English

L4 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:272506 CAPLUS

DN 134:95964

TI Genetic transformation of Alhagi pseudoalhagi with Agrobacterium
 rhizogenes A4

AU Wang, Yumei; Wang, Minggang; Wang, Jiangbo; Jia, Jingfen

CS College of Life Science, Lanzhou University, Lanzhou, 730000, Peop. Rep.
 China

SO Lanzhou Daxue Xuebao, Ziran Kexueban (2000), 36(1), 83-87

CODEN: LCTHAF; ISSN: 0455-2059

PB Lanzhou Daxue

DT Journal

LA Chinese

L4 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 5

AN 2000:230602 CAPLUS

DN 132:304610

TI Pathogen-resistant transgenic plant from dwarfing rootstock of
 cherry by introducing antibacterial polypeptide genes

AU Fang, Hong-Jun; Wang, Guan-Lin; Wang, Huo-Xu; Jia, Shi-Rong; Dong,
 Yun-Zhou; Tang, Yi-Xiong

CS Bioengineering Inst., Liaoning Normal Univ., Dalian, 116029, Peop. Rep.
 China

SO Zhiwu Xuebao (1999), 41(11), 1192-1198

CODEN: CHWHAY; ISSN: 0577-7496

PB Kexue Chubanshe

DT Journal

LA Chinese

L4 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 6

AN 1999:693007 CAPLUS
 DN 132:33259
 TI Biochemical and phenotypical characterization of transgenic
 tomato plants overexpressing a basic peroxidase
 AU El Mansouri, Iman; Mercado, Jose A.; Santiago-Domenech, Nieves;
 Pliego-Alfaro, Fernando; Valpuesta, Victoriano; Quesada, Miguel A.
 CS Departamento de Biologia Vegetal, Facultad de Ciencias, Universidad de
 Malaga, Malaga, E-29071, Spain
 SO Physiologia Plantarum (1999), 106(4), 355-362
 CODEN: PHPLAI; ISSN: 0031-9317
 PB Munksgaard International Publishers Ltd.
 DT Journal
 LA English
 RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 7
 AN 1999:695010 CAPLUS
 DN 132:76100
 TI Sucrose synthase activity does not restrict glycolysis in roots
 of transgenic potato plants under hypoxic conditions
 AU Biemelt, Sophia; Hajirezaei, Mohammad Reza; Melzer, Michael; Albrecht,
 Gerd; Sonnewald, Uwe
 CS Institut fur Biologie, Botanik und Biologiedidaktik, Humboldt-Universitat
 zu Berlin, Berlin, D-12437, Germany
 SO Planta (1999), 210(1), 41-49
 CODEN: PLANAB; ISSN: 0032-0935
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 8
 AN 1998:617148 CAPLUS
 DN 129:341732
 TI Disruption of chloroplast biogenesis and plant development upon
 down-regulation of a chloroplast processing enzyme involved in the import
 pathway
 AU Wan, Jiangxin; Bringloe, David; Lamppa, Gayle K.
 CS Department of Molecular Genetics and Cell Biology, The University of
 Chicago, Chicago, IL, 60637, USA
 SO Plant Journal (1998), 15(4), 459-468
 CODEN: PLJUED; ISSN: 0960-7412
 PB Blackwell Science Ltd.
 DT Journal
 LA English
 RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 9
 AN 1997:568869 CAPLUS
 DN 127:258629
 TI Specific interaction between a Nicotiana tabacum nuclear protein and the
 Agrobacterium rhizogenes rolB promoter
 AU Filetici, Patrizia; Moretti, Franca; Camilloni, Giorgio; Mauro, Maria
 Luisa
 CS Centro Studio Acidi Nucleici, Rome, Italy
 SO Journal of Plant Physiology (1997), 151(2), 159-165
 CODEN: JPPHEY; ISSN: 0176-1617
 PB Fischer
 DT Journal
 LA English

L4 ANSWER 16 OF 19 CABA COPYRIGHT 2007 CABI on STN
 AN 95:129052 CABA
 DN 19951608036
 TI A procedure for biolistic transformation and regeneration of
 transgenic cotton from meristematic tissue
 AU Chlan, C. A.; Lin, J. M.; Cary, J. W.; Cleveland, T. E.
 CS Department of Biology, University of Southwestern Louisiana, Lafayette, LA
 70504, USA.
 SO Plant Molecular Biology Reporter, (1995) Vol. 13, No. 1, pp. 31-37. 15
 ref.
 ISSN: 0735-9640
 DT Journal
 LA English
 ED Entered STN: 24 Jul 1995
 Last Updated on STN: 24 Jul 1995

L4 ANSWER 17 OF 19 CABA COPYRIGHT 2007 CABI on STN
 AN 93:7070 CABA
 DN 19931696999
 TI A promoter sequence involved in cell-specific expression of the pea
 glutamine synthetase GS3A gene in organs of transgenic tobacco
 and alfalfa
 AU Brears, T.; Walker, E. L.; Coruzzi, G. M.
 CS Laboratory of Plant Molecular Biology, Rockefeller University, 1230 York
 Avenue, NY 10021-6399, USA.
 SO Plant Journal, (1991) Vol. 1, No. 2, pp. 235-244. 38 ref.
 ISSN: 0960-7412
 DT Journal
 LA English
 ED Entered STN: 1 Nov 1994
 Last Updated on STN: 1 Nov 1994

L4 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 10
 AN 1989:626541 CAPLUS
 DN 111:226541
 TI Regulation of β -glucuronidase expression in transgenic
 tobacco plants by an A/T-rich, cis-acting sequence found upstream of a
 French bean β -phaseolin gene
 AU Bustos, Mauricio M.; Guiltinan, Mark J.; Jordano, Juan; Begum, Dilara;
 Kalkan, Fatma A.; Hall, Timothy C.
 CS Dep. Biol., Texas A and M Univ., College Station, TX, 77843-3258, USA
 SO Plant Cell (1989), 1(9), 839-53
 CODEN: PLCEEW; ISSN: 1040-4651
 DT Journal
 LA English

L4 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1989:571187 CAPLUS
 DN 111:171187
 TI Transport of proteins to the plant vacuole is not by bulk flow through the
 secretory system, and requires positive sorting information
 AU Dorel, Corinne; Voelker, Toni A.; Herman, Eliot M.; Chrispeels, Maarten J.
 CS Cent. Mol. Genet., Univ. California, San Diego, CA, 92093-0116, USA
 SO Journal of Cell Biology (1989), 108(2), 327-37
 CODEN: JCLBA3; ISSN: 0021-9525
 DT Journal
 LA English

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(FILE 'HOME' ENTERED AT 15:39:07 ON 19 FEB 2007)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 15:39:37 ON 19 FEB 2007

L1 2069 S (MERISTE? OR COTYLEDO?) AND ROOT AND TRANSGEN?
L2 1108 S EXTRACT AND K1
L3 42 S EXTRACT AND L1
L4 19 DUP REM L3 (23 DUPLICATES REMOVED)

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